

Title (en)  
Distributed intelligent diagnostic scheme

Title (de)  
Verteiltes intelligentes Diagnoseschema

Title (fr)  
Schéma de diagnostic intelligent distribué

Publication  
**EP 1672535 A1 20060621 (EN)**

Application  
**EP 05026890 A 20051208**

Priority  
US 1281804 A 20041215

Abstract (en)  
A system and methodology that employs an agent technology logic layer operating in connection with or integral to a controller is provided. The logic layer can be a functional extension of the controller's firmware that facilitates logical reasoning and decision-making with regard a network as a function of individual agent(s) state and/or status. The components of the subject invention can facilitate combining high level reasoning and/or decision making capabilities with conventional control programs to effect agent-based system diagnosis and/or system reconfiguration.

IPC 8 full level  
**G06F 17/30** (2006.01)

CPC (source: EP US)  
**G06F 11/0709** (2013.01 - EP US); **G06F 11/0736** (2013.01 - EP US); **H04L 41/046** (2013.01 - EP US); **H04L 41/0816** (2013.01 - EP US); **G06F 11/079** (2013.01 - EP US); **H04L 41/0636** (2013.01 - EP US); **H04L 41/147** (2013.01 - EP US); **H04L 41/149** (2022.05 - EP)

Citation (applicant)  
• US 6212649 B1 20010403 - YALOWITZ JEFFREY S [US], et al  
• US 2003187853 A1 20031002 - HENSLEY ROY AUSTIN [US], et al  
• US 6606744 B1 20030812 - MIKURAK MICHAEL G [US]  
• US 2003191682 A1 20031009 - SHEPARD BARRY [US], et al  
• JENSEN L K ET AL.: "FLIP: a platform to integrate embodied agent technology", INTELLIGENT AGENT TECHNOLOGY, 2003, IAT 2003. IEEE/WIC INTERNATIONAL CONFERENCE ON OCT. 13-17, 2003, PISCATAWAY, NJ, IEEE, 13 October 2003 (2003-10-13), pages 103 - 110

Citation (search report)  
• [XY] US 6212649 B1 20010403 - YALOWITZ JEFFREY S [US], et al  
• [XY] US 2003187853 A1 20031002 - HENSLEY ROY AUSTIN [US], et al  
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• [A] JENSEN L K ET AL: "FLIP: a platform to integrate embodied agent technology", INTELLIGENT AGENT TECHNOLOGY, 2003. IAT 2003. IEEE/WIC INTERNATIONAL CONFERENCE ON OCT. 13-17, 2003, PISCATAWAY, NJ, USA,IEEE, 13 October 2003 (2003-10-13), pages 103 - 110, XP010664458, ISBN: 0-7695-1931-8

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